



AUG 17 2007

07-ESQ-126

CCN: 161095

Ms. Jane A. Hedges, Program Manager
Nuclear Waste Program
Washington State
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

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AUG 22 2007

EDMC

Dear Ms. Hedges:

FORECASTED SUBMITTAL OF WASTE TREATMENT AND IMMOBILIZATION PLANT
(WTP) FINAL DESIGN REPORTS

- References:
1. Ecology letter from L. J. Cusack to S. J. Olinger, ORP, and W. S. Elkins, BNI, "Testing to Validate Wear Allowance in Waste Treatment and Immobilization Plant (WTP) Vessels with Pulse Jet Mixers (PJM)," dated March 29, 2007.
 2. Ecology letter from S. Dahl to R. J. Schepens, ORP, and W. S. Elkins, BNI, "Wear Allowance and Integrity Assessment for Vessels with Pulse Jet Mixers," dated June 28, 2006.

This letter transmits forecasted submittal schedules of final design reports that are prepared and certified by an Independent, Qualified, Registered Professional Engineer (IQRPE). The U.S. Department of Energy, Office of River Protection (ORP), Bechtel National Inc. (BNI), and the Washington State Department of Ecology (Ecology), agreed that ORP and BNI would provide a schedule to Ecology for submitting new and/or revised IQRPE design reports (rather than design intent reports).

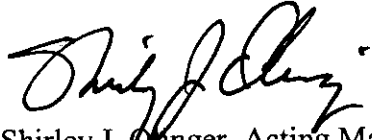
Attached is a schedule with the estimated dates for providing IQRPE reports to Ecology. There are 122 IQRPE reports that will be newly issued or revised. Of the 122 reports, 24 have not been issued (Attachment, Table 1), 8 will be resubmitted based on the References (Attachment, Table 2), and 90 will be revised prior to commencing the respective facility integrated water runs (Attachment, Table 3). The IQRPE will be preparing design reports based on design input including vendor information and structural analyses. The forecasted submittal dates for the IQRPE reports are based on Ecology approving the reports within three months to support construction and commissioning.

Ms. Jane A. Hedges
07-ESQ-126

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If you have any questions, please contact either of us, or your staff may contact
Lori A. Huffman, ORP, (509) 376-0104, or Stan Hill, BNI, (509) 371-3432.



Shirley J. Oringer, Acting Manager
Office of River Protection



William S. Elkins, Project Director
Bechtel National, Inc.

ESQ:LAH

Attachment

cc w/attach:

B. G. Erlandson, BNI

J. S. Hill, BNI

P. E. Peistrup, BNI

B. Becker-Khaleel, Ecology

S. L. Dahl, Ecology

E. A. Fredenburg, Ecology

Administrative Record (WTP H-0-8)

BNI Correspondence

Attachment
07-ESQ-126

Schedule for Submitting IQRPE Reports to Ecology

ATTACHMENT - Schedule for Submitting IQRPE Reports to Ecology

Table 1: New IQRPE Reports Not Previously Submitted

Package Number	Package Name	Estimated Ecology Submittal Date
HLW-013	HFP Tank System	July 19, 2013
HLW-31b	PJV Miscellaneous Unit Sub-Systems (Fans)	July 3, 2014
LAW-016	El. +3 ft LMP Misc. Unit Subsystem (Melters)	January 7, 2009
LAW-018	El. 3' LMP Misc. Unit Subsystem Equipment	January 7, 2009
LAW-025	El. +48 ft LVP Misc. Unit Subsystem Equipment	June 11, 2009
LAW-026	El. +48 ft LVP Misc. Unit Subsystem (HEPA Filters)	April 27, 2009
LAW-027	El. +48 ft LVP Misc Unit Subsystem Equipment (Carbon Bed Skid)	September 29, 2008
LAW-028	El. +48 ft LVP Misc Unit Subsystem Equipment (Caustic Scrubber)	August 10, 2009
PTF-042	Outside RLD Process Condensate Tanks	December 19, 2012
PTF-075	El. 98' Stack MTU Components	August 26, 2013
PTF-079a	El. 56' & 77' PJV MTU Components (HEPA Filters)	August 8, 2011
PTF-079b	El. 56' PJV MTU Components (Demister)	March 28, 2012
PTF-079c	El. 77' PJV MTU Components (Fans)	November 30, 2012
PTF-080a	El. 56' PVP MTUs (Adsorbers)	November 28, 2011
PTF-080b	El. 56' PVP MTUs (After-Cooler)	November 28, 2011
PTF-080c	El. 56' PVP MTUs (HEMES)	March 28, 2012
PTF-080d	El. 56' PVV MTUs (HEPA Filters)	August 8, 2011
PTF-080e	El. 77' PVV MTUs (Fans)	November 30, 2012
PTF-080f	El. 56' PVP MTUs (Oxidizer)	November 28, 2011
PTF-080g	El. 56' PVP MTUs (Filter)	November 28, 2011
PTF-082	El. 56 PJV MTU Ancillary Equipment	December 12, 2012
PTF-094	CXP Ion Exchange Column Tank System	March 21, 2013
PTF-096	PIH Tank Ancillary Equipment	February 20, 2013
PTF-098	El. 56 & 77 PVP/PVV MTUs Ancillary Equipment	July 5, 2012

Table 2: IQRPE Reports to Resubmit Prior to Installation

Package Number	Vessel Number	Estimated Ecology Submittal Date
HLW-011	RLD-VSL-00007	February 6, 2012
HLW-011	RLD-VSL-00008	February 22, 2012
PTF-014	HLP-VSL-00022 & -00028	November 22, 2010
PTF-014	HLP-VSL-00027A & -00027B	September 28, 2010
PTF-020	PWD-VSL-00044	August 4, 2010
PTF-040	UFP-VSL-0002A & -0002B	August 4, 2010
PTF-040	UFP-VSL-0001A	September 17, 2008
PTF-040	UFP-VSL-0001B	August 4, 2010

Table 3: Previously Submitted IQRPE Reports Submitted Under Design Intent

Package Number	Package Name	Estimated Ecology Submittal Date
HLW-001	El. -21' Tank Sys. Secondary Containment	October 29, 2015
HLW-002	El. -21' HOP Tanks (Vessel 903 only)	October 29, 2015
HLW-004	HDH Tank System	October 29, 2015
HLW-005	RLD Tank System Ancillary Equipment	October 29, 2015
HLW-006	El. 0' Tank System Secondary Containment	October 29, 2015
HLW-009	HOP Tank System Ancillary Equipment for HOP-VSL-00903/00904	October 29, 2015
HLW-010	El. -21 HOP Misc. Treat. Sub-Sys. (Ag-M)	October 29, 2015
HLW-011	RLD Tank System	October 29, 2015
HLW-014	PJV Miscellaneous Treatment Sub-System Equipment	October 29, 2015
HLW-015	HOP MTU Sub-Systems El. 0	October 29, 2015
HLW-016	El. 37 MTU Sub-System Secondary Containment	October 29, 2015
HLW-017	HFP Tank System Ancillary Equipment	October 29, 2015
HLW-023	PVV Piping	October 29, 2015
HLW-025	HOP MTU Sub-System Equipment El. 0	October 29, 2015
HLW-026	HOP MTU Sub-System: El. 0 and Above	October 29, 2015
HLW-027	HOP MTU Ancillary Equipment Above El. 0	October 29, 2015
HLW-029	HSH Tank System	October 29, 2015
HLW-031a	PJV Miscellaneous Treatment Sub-System	October 29, 2015
HLW-032	El. 0' MTU Secondary Containment	October 29, 2015
HLW-033	El. -21 HOP Misc. Treat. Sub-Sys. (Booster Fans)	October 29, 2015
HLW-034	HOP MTU Sub-System El. -21 & Equipment incorporates HLW-024	October 29, 2015
HLW-037	El. -21' HOP Tanks (Vessel 904 only)	October 29, 2015
HLW-038	RLD HCP Double Wall Pipe	October 29, 2015
LAB-001	Tank System Secondary Containment for LAB Facility El. -19 ft 2 in	June 30, 2010
LAB-002	Tank System for Analytical Laboratory RLD System	June 30, 2010
LAB-003	Tank System Ancillary Equipment for the Analytical Laboratory RLD System	June 30, 2010
LAB-004	Below Grade RLD Tank System Secondary Containment for Analytical Laboratory	June 30, 2010
LAW-001	El. -21' Tans System Sec. Containment	November 16, 2010
LAW-002	Tank System Tank at El. -21'	November 16, 2010
LAW-003	Tank System Ancil. Eqpt. at El. -21'	November 16, 2010
LAW-005	El. 3' Tank System Secondary Containment	November 16, 2010
LAW-006	El. 3' LOP Tank System	November 16, 2010
LAW-007	El. 3' MTU Secondary Containment	November 16, 2010
LAW-009	El. 3' RLD Tank System	November 16, 2010
LAW-010	El 3' LCP Tank System	November 16, 2010

Table 3 (Continued): Previously Submitted IQRPE Reports Submitted Under Design Intent

Package Number	Package Name	Estimated Ecology Submittal Date
LAW-011	El. 3' LFP Tank System	November 16, 2010
LAW-012	RLD Ancillary Equipment	November 16, 2010
LAW-013	LCP Ancillary Equipment	November 16, 2010
LAW-014	LFP Ancillary Equipment	November 16, 2010
LAW-015	LOP Ancillary Equipment	November 16, 2010
LAW-017	El. 3' LOP MTU	November 16, 2010
LAW-019	El. 3' MTU LOP Equipment	November 16, 2010
LAW-020	El. +28 ft Tank Secondary Containment	November 16, 2010
LAW-022	El. +28 LVP Tank System	November 16, 2010
LAW-023	El. +28 ft LVP Ancillary Equipment	November 16, 2010
LAW-024	El. +48 ft LVP Misc. Unit Subsystem Equipment	November 16, 2010
LAW-029	LCP/RLD/LVP El. -21 Ancillary Equipment (Piping Only)	November 16, 2010
PTF-001	Below Grade Pit and Walls to Grade	October 19, 2015
PTF-002	PTF El. 0 Secondary Containment	October 19, 2015
PTF-004	Below Grade PWD Ancillary Equip	October 19, 2015
PTF-005	PTF-040	October 19, 2015
PTF-006	PTF El. 0 MTU Secondary Containment	October 19, 2015
PTF-009	FRP Tank System	October 19, 2015
PTF-010	FEP Tank System	October 19, 2015
PTF-011	CNP Tank System	October 19, 2015
PTF-013	TLP Tank System	October 19, 2015
PTF-015	CXP Tank System	October 19, 2015
PTF-017	TCP Tank System	October 19, 2015
PTF-018	RDP Tank System	October 19, 2015
PTF-019	RLD Tank System (Interior Tanks)	October 19, 2015
PTF-020	PWD Tank System Above Grade (Vessels PWD-VSL-00015 & -00016)	October 19, 2015
PTF-021	PVP Tank System	October 19, 2015
PTF-022	El. 0 PJV Tank System	October 19, 2015
PTF-023	FRP Ancillary Equipment	October 19, 2015
PTF-024	FEP Ancillary Equipment	October 19, 2015
PTF-025	UFP Ancillary Equipment	October 19, 2015
PTF-026	HLP Ancillary Equipment	October 19, 2015
PTF-027	CXP Ancillary Equipment	October 19, 2015
PTF-028	CNP Ancillary Equipment	October 19, 2015
PTF-031	TLP Ancillary Equipment	October 19, 2015
PTF-032	TCP Ancillary Equipment	October 19, 2015
PTF-033	RDP Ancillary Equipment	October 19, 2015
PTF-034	RLD Ancillary Equipment System (Interior/Exterior)	October 19, 2015
PTF-035	PWD Ancillary Equipment System Above Grade	October 19, 2015
PTF-036	PVP Ancillary Equipment: Piping Only	October 19, 2015

Table 3 (Continued): Previously Submitted IQRPE Reports Submitted Under Design Intent

Package Number	Package Name	Estimated Ecology Submittal Date
PTF-043	CNP MTU Components	October 19, 2015
PTF-045	CNP MTU Ancillary Equipment	October 19, 2015
PTF-058	EI. 77' MTU Secondary Containment	October 19, 2015
PTF-064	EI. +56' MTU Secondary Containment	October 19, 2015
PTF-067	FEP MTU Components	October 19, 2015
PTF-068	TLP MTU Components	October 19, 2015
PTF-069	FEP MTU Ancillary Equipment	October 19, 2015
PTF-070	TLP MTU Ancillary Equipment	October 19, 2015
PTF-074	EI. 28' Tank System Secondary Containment	October 19, 2015
PTF-077	EI. 0' PVP MTU Components	October 19, 2015
PTF-083	EI. 0 PVP MTU Ancillary Equipment	October 19, 2015
PTF-086	RDP Tank System - RDP-VSL-00004	October 19, 2015
PTF-087	RDP Ancillary Equipment - RDP-VSL-00004	October 19, 2015
PTF-088	PVP Tank System Ancillary Equipment	October 19, 2015
PTF-089	PJV Ancillary Equipment	October 19, 2015